

SAFETY DATA SHEET

DDR/7231/50/16

Updating: revision 3 of 01/11/2006

1. IDENTIFICATION OF DANGEROUS SUBSTANCES AND IDENTIFICATION OF THE COMPANY

Name of the product: **ACRY POL R POWDER**
For this product is recommended the dentistry use only.

Supplier: **Dental Manufacturing S.p.A.**
Via Ca' Mignola Nuova, 1699 - 45021 Badia Polesine (RO)
Phone 0425/51628-590587 ☎ Technical Assistance: 0425/590587
Website www.ruthinium.it E-Mail info@ruthinium.it

Urgent calls phone number of the Company and / or official consulting body: Niguarda Hospital
Tel.: 02/66101029.

Code: 081/2 - 082/2 - 084/2 - 085/2 - 087/2 - 088/2 - 089/3 - 089/4

2. INFORMATION ON COMPOSITION AND SUBSTANCES

Acrylic polymer with methilmethacrylate.

Chemical formula : [CH₂C(CH₃)COOCH₃]_x

Hazardous components:

| % | Symbol/s | n° CAS | n° CEE |
|------|----------|--------|--------|
| n.a. | n.a. | n.a. | n.a. |

3. IDENTIFICATION OF DANGERS

Not known.

4. FIRST AID

In case of Inhalation

Get medical help if discomfort persists.

In case of contact with skin

Wash with soap and water. Get medical help if discomfort persists.

Contact with eyes.

Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

5. FIREFIGHTS MEASURES



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Proper fire materials

- Water stream
- Foam
- Extinguishing powder
- Carbon dioxide

For safety reasons not proper fire materials

- Full water stream.

6. ACCIDENTAL RELEASE MEASURES

Precautional procedures for people

- Danger of sliding because of poured product.

Cleaning procedure/acceptance

- Pick up with mechanical equipment.
- Eliminate according to directions.

7. HANDLING AND STORAGE

Handling

- Not applicable.

Directions for safe use

- Avoid powder formation.

Directions for fire protection and anti deflagrating

- Avoid electrostatic charges accumulation.
- In case of fire cool the product with water.

Storing

- Not applicable.

Stores and containers instructions

- Dry place storing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components or decomposition products according to point 10 with limits values to control with reference to work place.

| | | |
|-------------------|-------------------|-------------|
| TWA - value for | | |
| CAS Number | | 90 - 36 - 0 |
| Benzoile peroxide | | |
| 5 | mg/m ³ | |

TWA - value for



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CAS Number
Methylmethacrylate

80 - 62 - 6

410 mg/m³ 100 ml/ m³

Personnel protection equipment

Not applicable.

General preventive measures

Do not breath powders.

Hygienical directions

Follow the normally required hygienical measures.

Respirator

In case of powder use proper masks.

Gloves

Protective gloves.

Glasses

Protective glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------------|------------------|
| Aspect/physical state at 20 °C | : powder |
| Colour | : various |
| Odour | : odourless |
| Apparent specific weight at 20 °C | : -- |
| Solubility in water at 20 °C | : insoluble |
| pH at 20 °C | : -- |
| Autoignition temperature | : > 300 °C |
| Infiammability temperature | : > 250 °C |
| Softening temperature | : -- |
| Deflagration limits in the air | : min. -- max -- |

10. STABILITY AND REACTIVITY

Thermodecomposition

> 250 °C

Hazardous reactions

Not known.

Hazardous decomposition products

No one if properly used.

During thermic decomposition fumes can irritate eyes and respiratory organs. They especially consist of methylmethacrylate.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Toxicological data of the product are not known.

Sensitivity

On human being it can cause irritation.

The above data refer to the small quantity of peroxide benzoile which is inside the product.

Carcinogenicity

According to animal tests it can cause cancer.

Further toxicological directions

It can cause mechanical skin, eyes and mucosa irritation.

12. ECOLOGICAL INFORMATION

Directions for elimination (persistence and degradability)

Environment departments behaviour

According to the product concentration and to present knowledge negative ecological effects are not expected.

Further ecological directions

The product is not water-soluble.

13. DISPOSAL CONSIDERATIONS

Product

Waste materials are not hazardous.

The selling off for incineration is possible only in specifically equipped plants according to the laws and in agreement with local competent authorities .

14. TRANSPORT INFORMATION

Transport/further information.

Further directions

Not hazardous goods according to transport laws.

15. REGULATORY INFORMATION

Branding according to hazardous materials packaging

Not applicable.

EINECS state

Data and information listed in present safety data sheet follow what is expected from the decree of Health Government dated 28.01.92 and from present rule concerning classification, packing and labelling of substances and hazardous compounds.

Anyway it is advisable for the user to control and follow specific national, regional and local rules, concerning hazardous activities and environment protection (ex. liquid issues, solid and gaseous), which are not part of this document.

16. OTHER INFORMATION

Any other technical information.

The directions correspond to what we actually know about this product. They describe the products according to safety requirements, so they do not have any meaning to guarantee specific features.